Release notes for ENDF/B Development n-064_Gd_154 evaluation

April 26, 2017

- **checkr** Warnings:

    1. A previous error halted parsing of the current section
       MAT=6431, MF= 1, MT=451 (1): Parsing stopped

       ```
       ERROR(S) FOUND IN MAT=6431, MF= 1, MT=451
           SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER     279 TO     615
       ```

- **checkr** Errors:

    1. A variable is outside the allowed ENDF range
       MAT=6431, MF= 1, MT=451 (0): Variable range

       ```
       ERROR(S) FOUND IN MAT=6431, MF= 1, MT=451
           MOD =    1 OUT OF RANGE    0 -    0           RECORD NUMBER    279
       ```

    2. Missing a section in directory so your directory is messed up. This error will break everything else
       MAT=6431, MF= 2, MT=151 (0): Directory (b)

       ```
       ERROR(S) FOUND IN MAT=6431, MF= 2, MT=151
           SECTION  2/151 NOT IN DIRECTORY               RECORD NUMBER    617
       ```

    3. Missing a section in directory so your directory is messed up. This error will break everything else
       MAT=6431, MF= 3, MT= 1 (0): Directory (b)

       ```
       ERROR(S) FOUND IN MAT=6431, MF= 3, MT=  1
           SECTION  3/  1 NOT IN DIRECTORY               RECORD NUMBER    873
       ```

    4. Missing a section in directory so your directory is messed up. This error will break everything else
       MAT=6431, MF= 3, MT= 2 (0): Directory (b)

       ```
       ERROR(S) FOUND IN MAT=6431, MF= 3, MT=  2
           SECTION  3/  2 NOT IN DIRECTORY               RECORD NUMBER    892
       ```

    5. Missing a section in directory so your directory is messed up. This error will break everything else
       MAT=6431, MF= 3, MT= 4 (0): Directory (b)

       ```
       ERROR(S) FOUND IN MAT=6431, MF= 3, MT=  4
           SECTION  3/  4 NOT IN DIRECTORY               RECORD NUMBER    952
       ```

    6. Missing a section in directory so your directory is messed up. This error will break everything else
       MAT=6431, MF= 3, MT= 16 (0): Directory (b)

       ```
       ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 16
           SECTION  3/ 16 NOT IN DIRECTORY               RECORD NUMBER    990
       ```

    7. Missing a section in directory so your directory is messed up. This error will break everything else
       MAT=6431, MF= 3, MT= 17 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 17
            SECTION  3/ 17 NOT IN DIRECTORY                RECORD NUMBER    1002
```

8. Missing a section in directory so your directory is messed up. This error will break everything else
   $MAT{=}6431,\ MF{=}\ 3,\ MT{=}\ 22\ (0){:}\ Directory\ (b)$

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 22
            SECTION  3/ 22 NOT IN DIRECTORY                RECORD NUMBER    1010
```

9. Missing a section in directory so your directory is messed up. This error will break everything else
   $MAT{=}6431,\ MF{=}\ 3,\ MT{=}\ 24\ (0){:}\ Directory\ (b)$

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 24
            SECTION  3/ 24 NOT IN DIRECTORY                RECORD NUMBER    1025
```

10. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT{=}6431,\ MF{=}\ 3,\ MT{=}\ 28\ (0){:}\ Directory\ (b)$

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 28
            SECTION  3/ 28 NOT IN DIRECTORY                RECORD NUMBER    1034
```

11. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT{=}6431,\ MF{=}\ 3,\ MT{=}\ 41\ (0){:}\ Directory\ (b)$

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 41
            SECTION  3/ 41 NOT IN DIRECTORY                RECORD NUMBER    1046
```

12. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT{=}6431,\ MF{=}\ 3,\ MT{=}\ 51\ (0){:}\ Directory\ (b)$

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 51
            SECTION  3/ 51 NOT IN DIRECTORY                RECORD NUMBER    1053
```

13. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT{=}6431,\ MF{=}\ 3,\ MT{=}\ 52\ (0){:}\ Directory\ (b)$

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 52
            SECTION  3/ 52 NOT IN DIRECTORY                RECORD NUMBER    1078
```

14. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT{=}6431,\ MF{=}\ 3,\ MT{=}\ 53\ (0){:}\ Directory\ (b)$

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 53
            SECTION  3/ 53 NOT IN DIRECTORY                RECORD NUMBER    1103
```

15. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT{=}6431,\ MF{=}\ 3,\ MT{=}\ 54\ (0){:}\ Directory\ (b)$

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 54
         SECTION  3/ 54 NOT IN DIRECTORY                 RECORD NUMBER    1127
```

16. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT= 55 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 55
         SECTION  3/ 55 NOT IN DIRECTORY                 RECORD NUMBER    1149
```

17. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT= 56 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 56
         SECTION  3/ 56 NOT IN DIRECTORY                 RECORD NUMBER    1171
```

18. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT= 57 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 57
         SECTION  3/ 57 NOT IN DIRECTORY                 RECORD NUMBER    1191
```

19. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT= 58 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 58
         SECTION  3/ 58 NOT IN DIRECTORY                 RECORD NUMBER    1214
```

20. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT= 59 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 59
         SECTION  3/ 59 NOT IN DIRECTORY                 RECORD NUMBER    1236
```

21. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT= 60 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 60
         SECTION  3/ 60 NOT IN DIRECTORY                 RECORD NUMBER    1258
```

22. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT= 61 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 61
         SECTION  3/ 61 NOT IN DIRECTORY                 RECORD NUMBER    1281
```

23. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT= 62 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 62
            SECTION  3/ 62 NOT IN DIRECTORY                    RECORD NUMBER    1303
```

24. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT= 63 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 63
            SECTION  3/ 63 NOT IN DIRECTORY                    RECORD NUMBER    1324
```

25. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT= 64 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 64
            SECTION  3/ 64 NOT IN DIRECTORY                    RECORD NUMBER    1343
```

26. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT= 65 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 65
            SECTION  3/ 65 NOT IN DIRECTORY                    RECORD NUMBER    1362
```

27. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT= 66 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 66
            SECTION  3/ 66 NOT IN DIRECTORY                    RECORD NUMBER    1383
```

28. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT= 67 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 67
            SECTION  3/ 67 NOT IN DIRECTORY                    RECORD NUMBER    1404
```

29. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT= 68 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 68
            SECTION  3/ 68 NOT IN DIRECTORY                    RECORD NUMBER    1425
```

30. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT= 69 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 69
            SECTION  3/ 69 NOT IN DIRECTORY                    RECORD NUMBER    1446
```

31. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT= 70 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 70
         SECTION  3/ 70 NOT IN DIRECTORY              RECORD NUMBER    1467
```

32. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT=6431, MF= 3, MT= 71 (0): Directory (b)$

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 71
         SECTION  3/ 71 NOT IN DIRECTORY              RECORD NUMBER    1486
```

33. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT=6431, MF= 3, MT= 72 (0): Directory (b)$

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 72
         SECTION  3/ 72 NOT IN DIRECTORY              RECORD NUMBER    1505
```

34. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT=6431, MF= 3, MT= 73 (0): Directory (b)$

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 73
         SECTION  3/ 73 NOT IN DIRECTORY              RECORD NUMBER    1523
```

35. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT=6431, MF= 3, MT= 74 (0): Directory (b)$

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 74
         SECTION  3/ 74 NOT IN DIRECTORY              RECORD NUMBER    1541
```

36. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT=6431, MF= 3, MT= 75 (0): Directory (b)$

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 75
         SECTION  3/ 75 NOT IN DIRECTORY              RECORD NUMBER    1559
```

37. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT=6431, MF= 3, MT= 76 (0): Directory (b)$

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 76
         SECTION  3/ 76 NOT IN DIRECTORY              RECORD NUMBER    1577
```

38. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT=6431, MF= 3, MT= 91 (0): Directory (b)$

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT= 91
         SECTION  3/ 91 NOT IN DIRECTORY              RECORD NUMBER    1595
```

39. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT=6431, MF= 3, MT=102 (0): Directory (b)$

```
       ERROR(S) FOUND IN MAT=6431, MF= 3, MT=102
          SECTION  3/102 NOT IN DIRECTORY                    RECORD NUMBER    1620
```

40. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=103 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 3, MT=103
          SECTION  3/103 NOT IN DIRECTORY                    RECORD NUMBER    1643
```

41. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=107 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 3, MT=107
          SECTION  3/107 NOT IN DIRECTORY                    RECORD NUMBER    1674
```

42. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=600 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 3, MT=600
          SECTION  3/600 NOT IN DIRECTORY                    RECORD NUMBER    1700
```

43. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=601 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 3, MT=601
          SECTION  3/601 NOT IN DIRECTORY                    RECORD NUMBER    1717
```

44. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=602 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 3, MT=602
          SECTION  3/602 NOT IN DIRECTORY                    RECORD NUMBER    1734
```

45. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=603 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 3, MT=603
          SECTION  3/603 NOT IN DIRECTORY                    RECORD NUMBER    1751
```

46. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=604 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 3, MT=604
          SECTION  3/604 NOT IN DIRECTORY                    RECORD NUMBER    1768
```

47. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=605 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=605
    SECTION  3/605 NOT IN DIRECTORY                RECORD NUMBER    1785
```

48. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=606 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=606
    SECTION  3/606 NOT IN DIRECTORY                RECORD NUMBER    1802
```

49. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=607 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=607
    SECTION  3/607 NOT IN DIRECTORY                RECORD NUMBER    1819
```

50. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=608 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=608
    SECTION  3/608 NOT IN DIRECTORY                RECORD NUMBER    1836
```

51. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=609 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=609
    SECTION  3/609 NOT IN DIRECTORY                RECORD NUMBER    1853
```

52. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=610 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=610
    SECTION  3/610 NOT IN DIRECTORY                RECORD NUMBER    1870
```

53. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=611 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=611
    SECTION  3/611 NOT IN DIRECTORY                RECORD NUMBER    1887
```

54. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=612 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=612
    SECTION  3/612 NOT IN DIRECTORY                RECORD NUMBER    1904
```

55. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=613 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT=613
          SECTION  3/613 NOT IN DIRECTORY                 RECORD NUMBER    1920
```

56. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 3, MT=614 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT=614
          SECTION  3/614 NOT IN DIRECTORY                 RECORD NUMBER    1937
```

57. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 3, MT=615 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT=615
          SECTION  3/615 NOT IN DIRECTORY                 RECORD NUMBER    1954
```

58. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 3, MT=616 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT=616
          SECTION  3/616 NOT IN DIRECTORY                 RECORD NUMBER    1971
```

59. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 3, MT=617 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT=617
          SECTION  3/617 NOT IN DIRECTORY                 RECORD NUMBER    1988
```

60. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 3, MT=618 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT=618
          SECTION  3/618 NOT IN DIRECTORY                 RECORD NUMBER    2005
```

61. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 3, MT=619 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT=619
          SECTION  3/619 NOT IN DIRECTORY                 RECORD NUMBER    2022
```

62. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 3, MT=620 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT=620
          SECTION  3/620 NOT IN DIRECTORY                 RECORD NUMBER    2039
```

63. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 3, MT=621 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=621
    SECTION  3/621 NOT IN DIRECTORY                RECORD NUMBER    2056
```

64. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=622 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=622
    SECTION  3/622 NOT IN DIRECTORY                RECORD NUMBER    2073
```

65. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=623 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=623
    SECTION  3/623 NOT IN DIRECTORY                RECORD NUMBER    2090
```

66. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=624 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=624
    SECTION  3/624 NOT IN DIRECTORY                RECORD NUMBER    2107
```

67. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=625 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=625
    SECTION  3/625 NOT IN DIRECTORY                RECORD NUMBER    2124
```

68. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=626 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=626
    SECTION  3/626 NOT IN DIRECTORY                RECORD NUMBER    2141
```

69. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=627 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=627
    SECTION  3/627 NOT IN DIRECTORY                RECORD NUMBER    2158
```

70. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=628 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=628
    SECTION  3/628 NOT IN DIRECTORY                RECORD NUMBER    2175
```

71. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=629 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=629
    SECTION  3/629 NOT IN DIRECTORY                RECORD NUMBER    2192
```

72. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=630 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=630
    SECTION  3/630 NOT IN DIRECTORY                RECORD NUMBER    2209
```

73. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=631 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=631
    SECTION  3/631 NOT IN DIRECTORY                RECORD NUMBER    2226
```

74. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=632 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=632
    SECTION  3/632 NOT IN DIRECTORY                RECORD NUMBER    2243
```

75. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=633 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=633
    SECTION  3/633 NOT IN DIRECTORY                RECORD NUMBER    2260
```

76. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=634 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=634
    SECTION  3/634 NOT IN DIRECTORY                RECORD NUMBER    2276
```

77. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=635 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=635
    SECTION  3/635 NOT IN DIRECTORY                RECORD NUMBER    2293
```

78. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=636 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 3, MT=636
    SECTION  3/636 NOT IN DIRECTORY                RECORD NUMBER    2310
```

79. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=637 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT=637
         SECTION  3/637 NOT IN DIRECTORY                    RECORD NUMBER    2327
```

80. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=638 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT=638
         SECTION  3/638 NOT IN DIRECTORY                    RECORD NUMBER    2344
```

81. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=639 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT=639
         SECTION  3/639 NOT IN DIRECTORY                    RECORD NUMBER    2361
```

82. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=649 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT=649
         SECTION  3/649 NOT IN DIRECTORY                    RECORD NUMBER    2378
```

83. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=800 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT=800
         SECTION  3/800 NOT IN DIRECTORY                    RECORD NUMBER    2394
```

84. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=801 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT=801
         SECTION  3/801 NOT IN DIRECTORY                    RECORD NUMBER    2420
```

85. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=802 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT=802
         SECTION  3/802 NOT IN DIRECTORY                    RECORD NUMBER    2446
```

86. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=803 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 3, MT=803
         SECTION  3/803 NOT IN DIRECTORY                    RECORD NUMBER    2470
```

87. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=804 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT=804
           SECTION  3/804 NOT IN DIRECTORY                  RECORD NUMBER    2494
```

88. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=805 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT=805
           SECTION  3/805 NOT IN DIRECTORY                  RECORD NUMBER    2517
```

89. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=806 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT=806
           SECTION  3/806 NOT IN DIRECTORY                  RECORD NUMBER    2540
```

90. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=807 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT=807
           SECTION  3/807 NOT IN DIRECTORY                  RECORD NUMBER    2563
```

91. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=808 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT=808
           SECTION  3/808 NOT IN DIRECTORY                  RECORD NUMBER    2586
```

92. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=809 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT=809
           SECTION  3/809 NOT IN DIRECTORY                  RECORD NUMBER    2609
```

93. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 3, MT=849 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 3, MT=849
           SECTION  3/849 NOT IN DIRECTORY                  RECORD NUMBER    2633
```

94. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 4, MT= 2 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 4, MT=  2
           SECTION  4/  2 NOT IN DIRECTORY                  RECORD NUMBER    2656
```

95. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 4, MT= 51 (0): Directory (b)

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```
       ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 51
          SECTION  4/ 51 NOT IN DIRECTORY                    RECORD NUMBER    2897
```

96. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 4, MT= 52 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 52
          SECTION  4/ 52 NOT IN DIRECTORY                    RECORD NUMBER    3090
```

97. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 4, MT= 53 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 53
          SECTION  4/ 53 NOT IN DIRECTORY                    RECORD NUMBER    3256
```

98. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 4, MT= 54 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 54
          SECTION  4/ 54 NOT IN DIRECTORY                    RECORD NUMBER    3426
```

99. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 4, MT= 55 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 55
          SECTION  4/ 55 NOT IN DIRECTORY                    RECORD NUMBER    3579
```

100. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF= 4, MT= 56 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 56
          SECTION  4/ 56 NOT IN DIRECTORY                    RECORD NUMBER    3742
```

101. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF= 4, MT= 57 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 57
          SECTION  4/ 57 NOT IN DIRECTORY                    RECORD NUMBER    3900
```

102. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF= 4, MT= 58 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 58
          SECTION  4/ 58 NOT IN DIRECTORY                    RECORD NUMBER    3999
```

103. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF= 4, MT= 59 (0): Directory (b)

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```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 59
        SECTION  4/ 59 NOT IN DIRECTORY                    RECORD NUMBER     4096
```

104. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT= 60 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 60
        SECTION  4/ 60 NOT IN DIRECTORY                    RECORD NUMBER     4193
```

105. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT= 61 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 61
        SECTION  4/ 61 NOT IN DIRECTORY                    RECORD NUMBER     4329
```

106. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT= 62 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 62
        SECTION  4/ 62 NOT IN DIRECTORY                    RECORD NUMBER     4426
```

107. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT= 63 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 63
        SECTION  4/ 63 NOT IN DIRECTORY                    RECORD NUMBER     4521
```

108. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT= 64 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 64
        SECTION  4/ 64 NOT IN DIRECTORY                    RECORD NUMBER     4684
```

109. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT= 65 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 65
        SECTION  4/ 65 NOT IN DIRECTORY                    RECORD NUMBER     4835
```

110. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT= 66 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 66
        SECTION  4/ 66 NOT IN DIRECTORY                    RECORD NUMBER     4930
```

111. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT= 67 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 67
        SECTION  4/ 67 NOT IN DIRECTORY                RECORD NUMBER    5025
```

112. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 4, MT= 68 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 68
        SECTION  4/ 68 NOT IN DIRECTORY                RECORD NUMBER    5118
```

113. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 4, MT= 69 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 69
        SECTION  4/ 69 NOT IN DIRECTORY                RECORD NUMBER    5211
```

114. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 4, MT= 70 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 70
        SECTION  4/ 70 NOT IN DIRECTORY                RECORD NUMBER    5304
```

115. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 4, MT= 71 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 71
        SECTION  4/ 71 NOT IN DIRECTORY                RECORD NUMBER    5397
```

116. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 4, MT= 72 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 72
        SECTION  4/ 72 NOT IN DIRECTORY                RECORD NUMBER    5490
```

117. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 4, MT= 73 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 73
        SECTION  4/ 73 NOT IN DIRECTORY                RECORD NUMBER    5581
```

118. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 4, MT= 74 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 74
        SECTION  4/ 74 NOT IN DIRECTORY                RECORD NUMBER    5714
```

119. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 4, MT= 75 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 75
    SECTION  4/ 75 NOT IN DIRECTORY                RECORD NUMBER    5805
```

120. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT= 76 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 4, MT= 76
    SECTION  4/ 76 NOT IN DIRECTORY                RECORD NUMBER    5896
```

121. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT=600 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 4, MT=600
    SECTION  4/600 NOT IN DIRECTORY                RECORD NUMBER    5987
```

122. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT=601 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 4, MT=601
    SECTION  4/601 NOT IN DIRECTORY                RECORD NUMBER    6068
```

123. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT=602 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 4, MT=602
    SECTION  4/602 NOT IN DIRECTORY                RECORD NUMBER    6149
```

124. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT=603 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 4, MT=603
    SECTION  4/603 NOT IN DIRECTORY                RECORD NUMBER    6230
```

125. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT=604 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 4, MT=604
    SECTION  4/604 NOT IN DIRECTORY                RECORD NUMBER    6311
```

126. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT=605 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 4, MT=605
    SECTION  4/605 NOT IN DIRECTORY                RECORD NUMBER    6392
```

127. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT=606 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT=606
        SECTION  4/606 NOT IN DIRECTORY              RECORD NUMBER    6473
```

128. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT=607 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT=607
        SECTION  4/607 NOT IN DIRECTORY              RECORD NUMBER    6554
```

129. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT=608 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT=608
        SECTION  4/608 NOT IN DIRECTORY              RECORD NUMBER    6635
```

130. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT=609 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT=609
        SECTION  4/609 NOT IN DIRECTORY              RECORD NUMBER    6716
```

131. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT=610 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT=610
        SECTION  4/610 NOT IN DIRECTORY              RECORD NUMBER    6797
```

132. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT=611 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT=611
        SECTION  4/611 NOT IN DIRECTORY              RECORD NUMBER    6878
```

133. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT=612 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT=612
        SECTION  4/612 NOT IN DIRECTORY              RECORD NUMBER    6959
```

134. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT=613 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF= 4, MT=613
        SECTION  4/613 NOT IN DIRECTORY              RECORD NUMBER    7040
```

135. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF= 4, MT=614 (0): Directory (b)

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```
      ERROR(S) FOUND IN MAT=6431, MF= 4, MT=614
         SECTION  4/614 NOT IN DIRECTORY                   RECORD NUMBER    7121
```

136. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF= 4, MT=615 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 4, MT=615
         SECTION  4/615 NOT IN DIRECTORY                   RECORD NUMBER    7202
```

137. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF= 4, MT=616 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 4, MT=616
         SECTION  4/616 NOT IN DIRECTORY                   RECORD NUMBER    7283
```

138. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF= 4, MT=617 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 4, MT=617
         SECTION  4/617 NOT IN DIRECTORY                   RECORD NUMBER    7364
```

139. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF= 4, MT=618 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 4, MT=618
         SECTION  4/618 NOT IN DIRECTORY                   RECORD NUMBER    7445
```

140. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF= 4, MT=619 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 4, MT=619
         SECTION  4/619 NOT IN DIRECTORY                   RECORD NUMBER    7526
```

141. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF= 4, MT=620 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 4, MT=620
         SECTION  4/620 NOT IN DIRECTORY                   RECORD NUMBER    7607
```

142. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF= 4, MT=621 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 4, MT=621
         SECTION  4/621 NOT IN DIRECTORY                   RECORD NUMBER    7688
```

143. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF= 4, MT=622 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 4, MT=622
          SECTION  4/622 NOT IN DIRECTORY                    RECORD NUMBER    7769
```

144. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF= 4, MT=623$ (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 4, MT=623
          SECTION  4/623 NOT IN DIRECTORY                    RECORD NUMBER    7850
```

145. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF= 4, MT=624$ (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 4, MT=624
          SECTION  4/624 NOT IN DIRECTORY                    RECORD NUMBER    7931
```

146. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF= 4, MT=625$ (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 4, MT=625
          SECTION  4/625 NOT IN DIRECTORY                    RECORD NUMBER    8012
```

147. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF= 4, MT=626$ (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 4, MT=626
          SECTION  4/626 NOT IN DIRECTORY                    RECORD NUMBER    8093
```

148. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF= 4, MT=627$ (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 4, MT=627
          SECTION  4/627 NOT IN DIRECTORY                    RECORD NUMBER    8174
```

149. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF= 4, MT=628$ (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 4, MT=628
          SECTION  4/628 NOT IN DIRECTORY                    RECORD NUMBER    8255
```

150. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF= 4, MT=629$ (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6431, MF= 4, MT=629
          SECTION  4/629 NOT IN DIRECTORY                    RECORD NUMBER    8336
```

151. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF= 4, MT=630$ (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 4, MT=630
           SECTION  4/630 NOT IN DIRECTORY                  RECORD NUMBER    8417
```

152. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF= 4, MT=631 (0)$: Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 4, MT=631
           SECTION  4/631 NOT IN DIRECTORY                  RECORD NUMBER    8498
```

153. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF= 4, MT=632 (0)$: Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 4, MT=632
           SECTION  4/632 NOT IN DIRECTORY                  RECORD NUMBER    8579
```

154. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF= 4, MT=633 (0)$: Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 4, MT=633
           SECTION  4/633 NOT IN DIRECTORY                  RECORD NUMBER    8660
```

155. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF= 4, MT=634 (0)$: Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 4, MT=634
           SECTION  4/634 NOT IN DIRECTORY                  RECORD NUMBER    8741
```

156. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF= 4, MT=635 (0)$: Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 4, MT=635
           SECTION  4/635 NOT IN DIRECTORY                  RECORD NUMBER    8822
```

157. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF= 4, MT=636 (0)$: Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 4, MT=636
           SECTION  4/636 NOT IN DIRECTORY                  RECORD NUMBER    8903
```

158. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF= 4, MT=637 (0)$: Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF= 4, MT=637
           SECTION  4/637 NOT IN DIRECTORY                  RECORD NUMBER    8984
```

159. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF= 4, MT=638 (0)$: Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF= 4, MT=638
     SECTION  4/638 NOT IN DIRECTORY                    RECORD NUMBER    9065
```

160. Missing a section in directory so your directory is messed up. This error will break everything else
 $MAT{=}6431,\ MF{=}\ 4,\ MT{=}639\ (0)\colon\ Directory\ (b)$

```
ERROR(S) FOUND IN MAT=6431, MF= 4, MT=639
     SECTION  4/639 NOT IN DIRECTORY                    RECORD NUMBER    9146
```

161. Missing a section in directory so your directory is messed up. This error will break everything else
 $MAT{=}6431,\ MF{=}\ 4,\ MT{=}800\ (0)\colon\ Directory\ (b)$

```
ERROR(S) FOUND IN MAT=6431, MF= 4, MT=800
     SECTION  4/800 NOT IN DIRECTORY                    RECORD NUMBER    9227
```

162. Missing a section in directory so your directory is messed up. This error will break everything else
 $MAT{=}6431,\ MF{=}\ 4,\ MT{=}801\ (0)\colon\ Directory\ (b)$

```
ERROR(S) FOUND IN MAT=6431, MF= 4, MT=801
     SECTION  4/801 NOT IN DIRECTORY                    RECORD NUMBER    9356
```

163. Missing a section in directory so your directory is messed up. This error will break everything else
 $MAT{=}6431,\ MF{=}\ 4,\ MT{=}802\ (0)\colon\ Directory\ (b)$

```
ERROR(S) FOUND IN MAT=6431, MF= 4, MT=802
     SECTION  4/802 NOT IN DIRECTORY                    RECORD NUMBER    9485
```

164. Missing a section in directory so your directory is messed up. This error will break everything else
 $MAT{=}6431,\ MF{=}\ 4,\ MT{=}803\ (0)\colon\ Directory\ (b)$

```
ERROR(S) FOUND IN MAT=6431, MF= 4, MT=803
     SECTION  4/803 NOT IN DIRECTORY                    RECORD NUMBER    9614
```

165. Missing a section in directory so your directory is messed up. This error will break everything else
 $MAT{=}6431,\ MF{=}\ 4,\ MT{=}804\ (0)\colon\ Directory\ (b)$

```
ERROR(S) FOUND IN MAT=6431, MF= 4, MT=804
     SECTION  4/804 NOT IN DIRECTORY                    RECORD NUMBER    9743
```

166. Missing a section in directory so your directory is messed up. This error will break everything else
 $MAT{=}6431,\ MF{=}\ 4,\ MT{=}805\ (0)\colon\ Directory\ (b)$

```
ERROR(S) FOUND IN MAT=6431, MF= 4, MT=805
     SECTION  4/805 NOT IN DIRECTORY                    RECORD NUMBER    9872
```

167. Missing a section in directory so your directory is messed up. This error will break everything else
 $MAT{=}6431,\ MF{=}\ 4,\ MT{=}806\ (0)\colon\ Directory\ (b)$

```
      ERROR(S) FOUND IN MAT=6431, MF= 4, MT=806
        SECTION  4/806 NOT IN DIRECTORY                    RECORD NUMBER   10001
```

168. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 4, MT=807 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 4, MT=807
        SECTION  4/807 NOT IN DIRECTORY                    RECORD NUMBER   10130
```

169. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 4, MT=808 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 4, MT=808
        SECTION  4/808 NOT IN DIRECTORY                    RECORD NUMBER   10259
```

170. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 4, MT=809 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 4, MT=809
        SECTION  4/809 NOT IN DIRECTORY                    RECORD NUMBER   10388
```

171. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 6, MT= 16 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 6, MT= 16
        SECTION  6/ 16 NOT IN DIRECTORY                    RECORD NUMBER   10518
```

172. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 6, MT= 17 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 6, MT= 17
        SECTION  6/ 17 NOT IN DIRECTORY                    RECORD NUMBER   12283
```

173. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 6, MT= 22 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 6, MT= 22
        SECTION  6/ 22 NOT IN DIRECTORY                    RECORD NUMBER   12590
```

174. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 6, MT= 24 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 6, MT= 24
        SECTION  6/ 24 NOT IN DIRECTORY                    RECORD NUMBER   16904
```

175. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF= 6, MT= 28 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 6, MT= 28
         SECTION  6/ 28 NOT IN DIRECTORY                    RECORD NUMBER   17680
```

176. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431$, $MF= 6$, $MT= 41$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 6, MT= 41
         SECTION  6/ 41 NOT IN DIRECTORY                    RECORD NUMBER   19737
```

177. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431$, $MF= 6$, $MT= 91$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 6, MT= 91
         SECTION  6/ 91 NOT IN DIRECTORY                    RECORD NUMBER   19921
```

178. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431$, $MF= 6$, $MT=102$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 6, MT=102
         SECTION  6/102 NOT IN DIRECTORY                    RECORD NUMBER   33343
```

179. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431$, $MF= 6$, $MT=649$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 6, MT=649
         SECTION  6/649 NOT IN DIRECTORY                    RECORD NUMBER   35629
```

180. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431$, $MF= 6$, $MT=849$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF= 6, MT=849
         SECTION  6/849 NOT IN DIRECTORY                    RECORD NUMBER   37990
```

181. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431$, $MF=12$, $MT= 51$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT= 51
         SECTION 12/ 51 NOT IN DIRECTORY                    RECORD NUMBER   41524
```

182. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431$, $MF=12$, $MT= 52$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT= 52
         SECTION 12/ 52 NOT IN DIRECTORY                    RECORD NUMBER   41528
```

183. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431$, $MF=12$, $MT= 53$ (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT= 53
    SECTION 12/ 53 NOT IN DIRECTORY                RECORD NUMBER   41532
```

184. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF=12, MT= 54 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT= 54
    SECTION 12/ 54 NOT IN DIRECTORY                RECORD NUMBER   41536
```

185. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF=12, MT= 55 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT= 55
    SECTION 12/ 55 NOT IN DIRECTORY                RECORD NUMBER   41540
```

186. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF=12, MT= 56 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT= 56
    SECTION 12/ 56 NOT IN DIRECTORY                RECORD NUMBER   41545
```

187. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF=12, MT= 57 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT= 57
    SECTION 12/ 57 NOT IN DIRECTORY                RECORD NUMBER   41550
```

188. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF=12, MT= 58 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT= 58
    SECTION 12/ 58 NOT IN DIRECTORY                RECORD NUMBER   41555
```

189. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF=12, MT= 59 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT= 59
    SECTION 12/ 59 NOT IN DIRECTORY                RECORD NUMBER   41560
```

190. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF=12, MT= 60 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT= 60
    SECTION 12/ 60 NOT IN DIRECTORY                RECORD NUMBER   41564
```

191. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF=12, MT= 61 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=12, MT= 61
          SECTION 12/ 61 NOT IN DIRECTORY                RECORD NUMBER   41568
```

192. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT= 62 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=12, MT= 62
          SECTION 12/ 62 NOT IN DIRECTORY                RECORD NUMBER   41572
```

193. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT= 63 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=12, MT= 63
          SECTION 12/ 63 NOT IN DIRECTORY                RECORD NUMBER   41576
```

194. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT= 64 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=12, MT= 64
          SECTION 12/ 64 NOT IN DIRECTORY                RECORD NUMBER   41581
```

195. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT= 65 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=12, MT= 65
          SECTION 12/ 65 NOT IN DIRECTORY                RECORD NUMBER   41585
```

196. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT= 66 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=12, MT= 66
          SECTION 12/ 66 NOT IN DIRECTORY                RECORD NUMBER   41590
```

197. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT= 67 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=12, MT= 67
          SECTION 12/ 67 NOT IN DIRECTORY                RECORD NUMBER   41594
```

198. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT= 68 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=12, MT= 68
          SECTION 12/ 68 NOT IN DIRECTORY                RECORD NUMBER   41599
```

199. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT= 69 (0): Directory (b)

```
         ERROR(S) FOUND IN MAT=6431, MF=12, MT= 69
             SECTION 12/ 69 NOT IN DIRECTORY                  RECORD NUMBER   41603
```

200. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT= 70 (0): Directory (b)

```
         ERROR(S) FOUND IN MAT=6431, MF=12, MT= 70
             SECTION 12/ 70 NOT IN DIRECTORY                  RECORD NUMBER   41607
```

201. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT= 71 (0): Directory (b)

```
         ERROR(S) FOUND IN MAT=6431, MF=12, MT= 71
             SECTION 12/ 71 NOT IN DIRECTORY                  RECORD NUMBER   41611
```

202. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT= 72 (0): Directory (b)

```
         ERROR(S) FOUND IN MAT=6431, MF=12, MT= 72
             SECTION 12/ 72 NOT IN DIRECTORY                  RECORD NUMBER   41615
```

203. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT= 73 (0): Directory (b)

```
         ERROR(S) FOUND IN MAT=6431, MF=12, MT= 73
             SECTION 12/ 73 NOT IN DIRECTORY                  RECORD NUMBER   41621
```

204. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT= 74 (0): Directory (b)

```
         ERROR(S) FOUND IN MAT=6431, MF=12, MT= 74
             SECTION 12/ 74 NOT IN DIRECTORY                  RECORD NUMBER   41625
```

205. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT= 75 (0): Directory (b)

```
         ERROR(S) FOUND IN MAT=6431, MF=12, MT= 75
             SECTION 12/ 75 NOT IN DIRECTORY                  RECORD NUMBER   41630
```

206. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT= 76 (0): Directory (b)

```
         ERROR(S) FOUND IN MAT=6431, MF=12, MT= 76
             SECTION 12/ 76 NOT IN DIRECTORY                  RECORD NUMBER   41638
```

207. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=601 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=601
    SECTION 12/601 NOT IN DIRECTORY                RECORD NUMBER   41642
```

208. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF=12, MT=602 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=602
    SECTION 12/602 NOT IN DIRECTORY                RECORD NUMBER   41646
```

209. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF=12, MT=603 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=603
    SECTION 12/603 NOT IN DIRECTORY                RECORD NUMBER   41650
```

210. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF=12, MT=604 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=604
    SECTION 12/604 NOT IN DIRECTORY                RECORD NUMBER   41654
```

211. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF=12, MT=605 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=605
    SECTION 12/605 NOT IN DIRECTORY                RECORD NUMBER   41658
```

212. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF=12, MT=606 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=606
    SECTION 12/606 NOT IN DIRECTORY                RECORD NUMBER   41662
```

213. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF=12, MT=607 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=607
    SECTION 12/607 NOT IN DIRECTORY                RECORD NUMBER   41666
```

214. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF=12, MT=608 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=608
    SECTION 12/608 NOT IN DIRECTORY                RECORD NUMBER   41670
```

215. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6431, MF=12, MT=609 (0): Directory (b)

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```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=609
     SECTION 12/609 NOT IN DIRECTORY                 RECORD NUMBER   41674
```

216. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF=12, MT=610 (0): Directory (b)$

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=610
     SECTION 12/610 NOT IN DIRECTORY                 RECORD NUMBER   41678
```

217. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF=12, MT=611 (0): Directory (b)$

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=611
     SECTION 12/611 NOT IN DIRECTORY                 RECORD NUMBER   41682
```

218. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF=12, MT=612 (0): Directory (b)$

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=612
     SECTION 12/612 NOT IN DIRECTORY                 RECORD NUMBER   41686
```

219. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF=12, MT=613 (0): Directory (b)$

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=613
     SECTION 12/613 NOT IN DIRECTORY                 RECORD NUMBER   41690
```

220. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF=12, MT=614 (0): Directory (b)$

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=614
     SECTION 12/614 NOT IN DIRECTORY                 RECORD NUMBER   41695
```

221. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF=12, MT=615 (0): Directory (b)$

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=615
     SECTION 12/615 NOT IN DIRECTORY                 RECORD NUMBER   41700
```

222. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF=12, MT=616 (0): Directory (b)$

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=616
     SECTION 12/616 NOT IN DIRECTORY                 RECORD NUMBER   41704
```

223. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431, MF=12, MT=617 (0): Directory (b)$

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=617
        SECTION 12/617 NOT IN DIRECTORY                RECORD NUMBER   41708
```

224. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=618 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=618
        SECTION 12/618 NOT IN DIRECTORY                RECORD NUMBER   41713
```

225. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=619 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=619
        SECTION 12/619 NOT IN DIRECTORY                RECORD NUMBER   41718
```

226. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=620 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=620
        SECTION 12/620 NOT IN DIRECTORY                RECORD NUMBER   41722
```

227. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=621 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=621
        SECTION 12/621 NOT IN DIRECTORY                RECORD NUMBER   41726
```

228. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=622 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=622
        SECTION 12/622 NOT IN DIRECTORY                RECORD NUMBER   41730
```

229. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=623 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=623
        SECTION 12/623 NOT IN DIRECTORY                RECORD NUMBER   41736
```

230. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=624 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=624
        SECTION 12/624 NOT IN DIRECTORY                RECORD NUMBER   41740
```

231. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=625 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=625
        SECTION 12/625 NOT IN DIRECTORY                    RECORD NUMBER   41744
```

232. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=626 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=626
        SECTION 12/626 NOT IN DIRECTORY                    RECORD NUMBER   41749
```

233. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=627 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=627
        SECTION 12/627 NOT IN DIRECTORY                    RECORD NUMBER   41755
```

234. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=628 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=628
        SECTION 12/628 NOT IN DIRECTORY                    RECORD NUMBER   41761
```

235. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=629 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=629
        SECTION 12/629 NOT IN DIRECTORY                    RECORD NUMBER   41766
```

236. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=630 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=630
        SECTION 12/630 NOT IN DIRECTORY                    RECORD NUMBER   41772
```

237. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=631 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=631
        SECTION 12/631 NOT IN DIRECTORY                    RECORD NUMBER   41777
```

238. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=632 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=632
        SECTION 12/632 NOT IN DIRECTORY                    RECORD NUMBER   41781
```

239. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=633 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=633
    SECTION 12/633 NOT IN DIRECTORY                  RECORD NUMBER   41786
```

240. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=634 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=634
    SECTION 12/634 NOT IN DIRECTORY                  RECORD NUMBER   41790
```

241. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=635 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=635
    SECTION 12/635 NOT IN DIRECTORY                  RECORD NUMBER   41796
```

242. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=636 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=636
    SECTION 12/636 NOT IN DIRECTORY                  RECORD NUMBER   41800
```

243. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=637 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=637
    SECTION 12/637 NOT IN DIRECTORY                  RECORD NUMBER   41805
```

244. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=638 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=638
    SECTION 12/638 NOT IN DIRECTORY                  RECORD NUMBER   41811
```

245. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=639 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=639
    SECTION 12/639 NOT IN DIRECTORY                  RECORD NUMBER   41817
```

246. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=801 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=12, MT=801
    SECTION 12/801 NOT IN DIRECTORY                  RECORD NUMBER   41821
```

247. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=802 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=802
         SECTION 12/802 NOT IN DIRECTORY                  RECORD NUMBER   41825
```

248. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=803 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=803
         SECTION 12/803 NOT IN DIRECTORY                  RECORD NUMBER   41829
```

249. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=804 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=804
         SECTION 12/804 NOT IN DIRECTORY                  RECORD NUMBER   41833
```

250. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=805 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=805
         SECTION 12/805 NOT IN DIRECTORY                  RECORD NUMBER   41837
```

251. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=806 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=806
         SECTION 12/806 NOT IN DIRECTORY                  RECORD NUMBER   41842
```

252. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=807 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=807
         SECTION 12/807 NOT IN DIRECTORY                  RECORD NUMBER   41846
```

253. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=808 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=808
         SECTION 12/808 NOT IN DIRECTORY                  RECORD NUMBER   41851
```

254. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=12, MT=809 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=12, MT=809
         SECTION 12/809 NOT IN DIRECTORY                  RECORD NUMBER   41856
```

255. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 51 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT= 51
          SECTION 14/ 51 NOT IN DIRECTORY                   RECORD NUMBER   41862
```

256. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 52 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT= 52
          SECTION 14/ 52 NOT IN DIRECTORY                   RECORD NUMBER   41864
```

257. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 53 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT= 53
          SECTION 14/ 53 NOT IN DIRECTORY                   RECORD NUMBER   41866
```

258. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 54 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT= 54
          SECTION 14/ 54 NOT IN DIRECTORY                   RECORD NUMBER   41868
```

259. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 55 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT= 55
          SECTION 14/ 55 NOT IN DIRECTORY                   RECORD NUMBER   41870
```

260. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 56 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT= 56
          SECTION 14/ 56 NOT IN DIRECTORY                   RECORD NUMBER   41872
```

261. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 57 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT= 57
          SECTION 14/ 57 NOT IN DIRECTORY                   RECORD NUMBER   41874
```

262. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 58 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT= 58
          SECTION 14/ 58 NOT IN DIRECTORY                   RECORD NUMBER   41876
```

263. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 59 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT= 59
         SECTION 14/ 59 NOT IN DIRECTORY                  RECORD NUMBER   41878
```

264. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431$, $MF=14$, $MT= 60$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT= 60
         SECTION 14/ 60 NOT IN DIRECTORY                  RECORD NUMBER   41880
```

265. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431$, $MF=14$, $MT= 61$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT= 61
         SECTION 14/ 61 NOT IN DIRECTORY                  RECORD NUMBER   41882
```

266. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431$, $MF=14$, $MT= 62$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT= 62
         SECTION 14/ 62 NOT IN DIRECTORY                  RECORD NUMBER   41884
```

267. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431$, $MF=14$, $MT= 63$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT= 63
         SECTION 14/ 63 NOT IN DIRECTORY                  RECORD NUMBER   41886
```

268. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431$, $MF=14$, $MT= 64$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT= 64
         SECTION 14/ 64 NOT IN DIRECTORY                  RECORD NUMBER   41888
```

269. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431$, $MF=14$, $MT= 65$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT= 65
         SECTION 14/ 65 NOT IN DIRECTORY                  RECORD NUMBER   41890
```

270. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431$, $MF=14$, $MT= 66$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT= 66
         SECTION 14/ 66 NOT IN DIRECTORY                  RECORD NUMBER   41892
```

271. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6431$, $MF=14$, $MT= 67$ (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT= 67
    SECTION 14/ 67 NOT IN DIRECTORY              RECORD NUMBER   41894
```

272. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 68 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT= 68
    SECTION 14/ 68 NOT IN DIRECTORY              RECORD NUMBER   41896
```

273. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 69 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT= 69
    SECTION 14/ 69 NOT IN DIRECTORY              RECORD NUMBER   41898
```

274. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 70 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT= 70
    SECTION 14/ 70 NOT IN DIRECTORY              RECORD NUMBER   41900
```

275. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 71 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT= 71
    SECTION 14/ 71 NOT IN DIRECTORY              RECORD NUMBER   41902
```

276. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 72 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT= 72
    SECTION 14/ 72 NOT IN DIRECTORY              RECORD NUMBER   41904
```

277. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 73 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT= 73
    SECTION 14/ 73 NOT IN DIRECTORY              RECORD NUMBER   41906
```

278. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 74 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT= 74
    SECTION 14/ 74 NOT IN DIRECTORY              RECORD NUMBER   41908
```

279. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 75 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT= 75
    SECTION 14/ 75 NOT IN DIRECTORY                RECORD NUMBER   41910
```

280. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT= 76 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT= 76
    SECTION 14/ 76 NOT IN DIRECTORY                RECORD NUMBER   41912
```

281. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=601 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT=601
    SECTION 14/601 NOT IN DIRECTORY                RECORD NUMBER   41914
```

282. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=602 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT=602
    SECTION 14/602 NOT IN DIRECTORY                RECORD NUMBER   41916
```

283. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=603 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT=603
    SECTION 14/603 NOT IN DIRECTORY                RECORD NUMBER   41918
```

284. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=604 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT=604
    SECTION 14/604 NOT IN DIRECTORY                RECORD NUMBER   41920
```

285. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=605 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT=605
    SECTION 14/605 NOT IN DIRECTORY                RECORD NUMBER   41922
```

286. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=606 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT=606
    SECTION 14/606 NOT IN DIRECTORY                RECORD NUMBER   41924
```

287. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=607 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=607
           SECTION 14/607 NOT IN DIRECTORY                RECORD NUMBER   41926
```

288. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=608 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=608
           SECTION 14/608 NOT IN DIRECTORY                RECORD NUMBER   41928
```

289. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=609 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=609
           SECTION 14/609 NOT IN DIRECTORY                RECORD NUMBER   41930
```

290. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=610 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=610
           SECTION 14/610 NOT IN DIRECTORY                RECORD NUMBER   41932
```

291. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=611 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=611
           SECTION 14/611 NOT IN DIRECTORY                RECORD NUMBER   41934
```

292. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=612 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=612
           SECTION 14/612 NOT IN DIRECTORY                RECORD NUMBER   41936
```

293. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=613 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=613
           SECTION 14/613 NOT IN DIRECTORY                RECORD NUMBER   41938
```

294. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=614 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=614
           SECTION 14/614 NOT IN DIRECTORY                RECORD NUMBER   41940
```

295. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=615 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT=615
         SECTION 14/615 NOT IN DIRECTORY                    RECORD NUMBER    41942
```

296. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=616 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT=616
         SECTION 14/616 NOT IN DIRECTORY                    RECORD NUMBER    41944
```

297. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=617 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT=617
         SECTION 14/617 NOT IN DIRECTORY                    RECORD NUMBER    41946
```

298. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=618 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT=618
         SECTION 14/618 NOT IN DIRECTORY                    RECORD NUMBER    41948
```

299. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=619 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT=619
         SECTION 14/619 NOT IN DIRECTORY                    RECORD NUMBER    41950
```

300. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=620 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT=620
         SECTION 14/620 NOT IN DIRECTORY                    RECORD NUMBER    41952
```

301. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=621 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT=621
         SECTION 14/621 NOT IN DIRECTORY                    RECORD NUMBER    41954
```

302. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=622 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT=622
         SECTION 14/622 NOT IN DIRECTORY                    RECORD NUMBER    41956
```

303. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=623 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT=623
          SECTION 14/623 NOT IN DIRECTORY                    RECORD NUMBER   41958
```

304. Missing a section in directory so your directory is messed up. This error will break everything else
     $MAT=6431, MF=14, MT=624$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT=624
          SECTION 14/624 NOT IN DIRECTORY                    RECORD NUMBER   41960
```

305. Missing a section in directory so your directory is messed up. This error will break everything else
     $MAT=6431, MF=14, MT=625$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT=625
          SECTION 14/625 NOT IN DIRECTORY                    RECORD NUMBER   41962
```

306. Missing a section in directory so your directory is messed up. This error will break everything else
     $MAT=6431, MF=14, MT=626$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT=626
          SECTION 14/626 NOT IN DIRECTORY                    RECORD NUMBER   41964
```

307. Missing a section in directory so your directory is messed up. This error will break everything else
     $MAT=6431, MF=14, MT=627$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT=627
          SECTION 14/627 NOT IN DIRECTORY                    RECORD NUMBER   41966
```

308. Missing a section in directory so your directory is messed up. This error will break everything else
     $MAT=6431, MF=14, MT=628$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT=628
          SECTION 14/628 NOT IN DIRECTORY                    RECORD NUMBER   41968
```

309. Missing a section in directory so your directory is messed up. This error will break everything else
     $MAT=6431, MF=14, MT=629$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT=629
          SECTION 14/629 NOT IN DIRECTORY                    RECORD NUMBER   41970
```

310. Missing a section in directory so your directory is messed up. This error will break everything else
     $MAT=6431, MF=14, MT=630$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6431, MF=14, MT=630
          SECTION 14/630 NOT IN DIRECTORY                    RECORD NUMBER   41972
```

311. Missing a section in directory so your directory is messed up. This error will break everything else
     $MAT=6431, MF=14, MT=631$ (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=631
          SECTION 14/631 NOT IN DIRECTORY                 RECORD NUMBER   41974
```

312. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=632 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=632
          SECTION 14/632 NOT IN DIRECTORY                 RECORD NUMBER   41976
```

313. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=633 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=633
          SECTION 14/633 NOT IN DIRECTORY                 RECORD NUMBER   41978
```

314. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=634 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=634
          SECTION 14/634 NOT IN DIRECTORY                 RECORD NUMBER   41980
```

315. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=635 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=635
          SECTION 14/635 NOT IN DIRECTORY                 RECORD NUMBER   41982
```

316. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=636 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=636
          SECTION 14/636 NOT IN DIRECTORY                 RECORD NUMBER   41984
```

317. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=637 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=637
          SECTION 14/637 NOT IN DIRECTORY                 RECORD NUMBER   41986
```

318. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=638 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=638
          SECTION 14/638 NOT IN DIRECTORY                 RECORD NUMBER   41988
```

319. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=639 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT=639
    SECTION 14/639 NOT IN DIRECTORY                 RECORD NUMBER   41990
```

320. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=801 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT=801
    SECTION 14/801 NOT IN DIRECTORY                 RECORD NUMBER   41992
```

321. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=802 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT=802
    SECTION 14/802 NOT IN DIRECTORY                 RECORD NUMBER   41994
```

322. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=803 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT=803
    SECTION 14/803 NOT IN DIRECTORY                 RECORD NUMBER   41996
```

323. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=804 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT=804
    SECTION 14/804 NOT IN DIRECTORY                 RECORD NUMBER   41998
```

324. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=805 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT=805
    SECTION 14/805 NOT IN DIRECTORY                 RECORD NUMBER   42000
```

325. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=806 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT=806
    SECTION 14/806 NOT IN DIRECTORY                 RECORD NUMBER   42002
```

326. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=807 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6431, MF=14, MT=807
    SECTION 14/807 NOT IN DIRECTORY                 RECORD NUMBER   42004
```

327. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6431, MF=14, MT=808 (0): Directory (b)

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```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=808
           SECTION 14/808 NOT IN DIRECTORY                RECORD NUMBER   42006
```

328. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF=14, MT=809 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=14, MT=809
           SECTION 14/809 NOT IN DIRECTORY                RECORD NUMBER   42008
```

329. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF=32, MT=151 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=32, MT=151
           SECTION 32/151 NOT IN DIRECTORY                RECORD NUMBER   42011
```

330. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF=33, MT= 1 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=33, MT=  1
           SECTION 33/  1 NOT IN DIRECTORY                RECORD NUMBER   62396
```

331. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF=33, MT= 2 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=33, MT=  2
           SECTION 33/  2 NOT IN DIRECTORY                RECORD NUMBER   62954
```

332. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF=33, MT= 4 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=33, MT=  4
           SECTION 33/  4 NOT IN DIRECTORY                RECORD NUMBER   63512
```

333. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF=33, MT= 16 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=33, MT= 16
           SECTION 33/ 16 NOT IN DIRECTORY                RECORD NUMBER   63811
```

334. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF=33, MT=102 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6431, MF=33, MT=102
           SECTION 33/102 NOT IN DIRECTORY                RECORD NUMBER   63874
```

335. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF=33, MT=103 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF=33, MT=103
          SECTION 33/103 NOT IN DIRECTORY                    RECORD NUMBER   64432
```

336. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6431, MF=33, MT=107 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6431, MF=33, MT=107
          SECTION 33/107 NOT IN DIRECTORY                    RECORD NUMBER   64566
```

- psyche Warnings:

1. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.76000E+03. STRENGTH FUNCTION IS 2.00000E-04 / AVERAGE GAMMA WIDTH 3.50000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
     FILE  2
        SECTION 151
             ENERGY =  2.76000E+03. STRENGTH FUNCTION IS  2.00000E-04
                           AVERAGE GAMMA WIDTH 3.50000E-02
                                               LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
     ... [14 more lines]
```

2. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.76000E+03. STRENGTH FUNCTION IS 2.00000E-04 / STRENGTH FUNCTION 2.00000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.

```
     FILE  2
        SECTION 151
             ENERGY =  2.76000E+03. STRENGTH FUNCTION IS  2.00000E-04
                           STRENGTH FUNCTION 2.00000E-04
                                               LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
     ... [14 more lines]
```

3. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.76000E+03. STRENGTH FUNCTION IS 2.00000E-04 / ENERGY = 2.76000E+03. STRENGTH FUNCTION IS 2.00000E-04 / DENSITY 7.34601E+00 SHOULD BE 6.86573E+00 (0): URR dens. (a)

```
     FILE  2
        SECTION 151
             ENERGY =  2.76000E+03. STRENGTH FUNCTION IS  2.00000E-04
                       ENERGY =  2.76000E+03. STRENGTH FUNCTION IS  2.00000E-04
                                  DENSITY  7.34601E+00 SHOULD BE  6.86573E+00
```

4. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 2.00000E-04 / DENSITY 7.34271E+00 SHOULD BE 6.86264E+00 (0): URR dens. (a)

```
     FILE  2
        SECTION 151
             ENERGY =  3.00000E+03. STRENGTH FUNCTION IS  2.00000E-04
                                  DENSITY  7.34271E+00 SHOULD BE  6.86264E+00
```

5. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 2.00000E-04 / AVERAGE GAMMA WIDTH 3.50000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
FILE  2
   SECTION 151
          ENERGY =  3.00000E+03. STRENGTH FUNCTION IS  2.00000E-04
                         AVERAGE GAMMA WIDTH 3.50000E-02
                                        LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

6. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 2.00000E-04 / STRENGTH FUNCTION 2.00000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.

```
FILE  2
   SECTION 151
          ENERGY =  3.00000E+03. STRENGTH FUNCTION IS  2.00000E-04
                         STRENGTH FUNCTION 2.00000E-04
                                        LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

7. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 2.00000E-04 / DENSITY 7.21106E+00 SHOULD BE 6.73960E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
          ENERGY =  1.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                         DENSITY  7.21106E+00 SHOULD BE  6.73960E+00
```

8. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 2.00000E-04 / AVERAGE GAMMA WIDTH 3.50000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
FILE  2
   SECTION 151
          ENERGY =  1.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                         AVERAGE GAMMA WIDTH 3.50000E-02
                                        LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

9. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 2.00000E-04 / STRENGTH FUNCTION 2.00000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.

```
FILE  2
   SECTION 151
          ENERGY =  1.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                         STRENGTH FUNCTION 2.00000E-04
                                        LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

10. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.30000E+04. STRENGTH FUNCTION IS 2.00000E-04 / DENSITY 7.08189E+00 SHOULD BE 6.61887E+00 (0): URR dens. (a)

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```
FILE  2
   SECTION 151
         ENERGY =  2.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                       DENSITY  7.08189E+00 SHOULD BE  6.61887E+00
```

11. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 2.30000E+04. STRENGTH FUNCTION IS
2.00000E-04 / AVERAGE GAMMA WIDTH 3.50000E-02 / LIES OUTSIDE LIMITS
4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
         ENERGY =  2.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                       AVERAGE GAMMA WIDTH 3.50000E-02
                                     LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

12. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 2.30000E+04. STRENGTH FUNCTION
IS 2.00000E-04 / STRENGTH FUNCTION 2.00000E-04 / LIES OUTSIDE LIMITS
1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
         ENERGY =  2.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                       STRENGTH FUNCTION 2.00000E-04
                                     LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

13. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 3.30000E+04. STRENGTH FUNCTION IS
2.00000E-04 / DENSITY 6.95512E+00 SHOULD BE 6.50039E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
         ENERGY =  3.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                       DENSITY  6.95512E+00 SHOULD BE  6.50039E+00
```

14. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 3.30000E+04. STRENGTH FUNCTION IS
2.00000E-04 / AVERAGE GAMMA WIDTH 3.50000E-02 / LIES OUTSIDE LIMITS
4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
         ENERGY =  3.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                       AVERAGE GAMMA WIDTH 3.50000E-02
                                     LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

15. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 3.30000E+04. STRENGTH FUNCTION
IS 2.00000E-04 / STRENGTH FUNCTION 2.00000E-04 / LIES OUTSIDE LIMITS
1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
         ENERGY =  3.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                       STRENGTH FUNCTION 2.00000E-04
                                     LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

16. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.30000E+04. STRENGTH FUNCTION IS 2.00000E-04 / DENSITY 6.83073E+00 SHOULD BE 6.38413E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  4.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                          DENSITY  6.83073E+00 SHOULD BE  6.38413E+00
```

17. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.30000E+04. STRENGTH FUNCTION IS 2.00000E-04 / AVERAGE GAMMA WIDTH 3.50000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
FILE  2
   SECTION 151
           ENERGY =  4.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                          AVERAGE GAMMA WIDTH 3.50000E-02
                                         LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

18. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.30000E+04. STRENGTH FUNCTION IS 2.00000E-04 / STRENGTH FUNCTION 2.00000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.

```
FILE  2
   SECTION 151
           ENERGY =  4.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                          STRENGTH FUNCTION 2.00000E-04
                                         LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

19. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.30000E+04. STRENGTH FUNCTION IS 2.00000E-04 / DENSITY 6.70865E+00 SHOULD BE 6.27003E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  5.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                          DENSITY  6.70865E+00 SHOULD BE  6.27003E+00
```

20. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.30000E+04. STRENGTH FUNCTION IS 2.00000E-04 / AVERAGE GAMMA WIDTH 3.50000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
FILE  2
   SECTION 151
           ENERGY =  5.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                          AVERAGE GAMMA WIDTH 3.50000E-02
                                         LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

21. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.30000E+04. STRENGTH FUNCTION IS 2.00000E-04 / STRENGTH FUNCTION 2.00000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.

```
        FILE  2
           SECTION 151
                  ENERGY =  5.30000E+04. STRENGTH FUNCTION IS   2.00000E-04
                             STRENGTH FUNCTION 2.00000E-04
                                                LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

22. Level density in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 6.30000E+04. STRENGTH FUNCTION IS
    2.00000E-04 / DENSITY 6.58885E+00 SHOULD BE 6.15806E+00 (0): URR dens. (a)*

```
        FILE  2
           SECTION 151
                  ENERGY =  6.30000E+04. STRENGTH FUNCTION IS   2.00000E-04
                             DENSITY  6.58885E+00 SHOULD BE   6.15806E+00
```

23. Strength function in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 6.30000E+04. STRENGTH FUNCTION IS
    2.00000E-04 / AVERAGE GAMMA WIDTH 3.50000E-02 / LIES OUTSIDE LIMITS
    4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
        FILE  2
           SECTION 151
                  ENERGY =  6.30000E+04. STRENGTH FUNCTION IS   2.00000E-04
                             AVERAGE GAMMA WIDTH 3.50000E-02
                                                LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

24. Strength function in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 6.30000E+04. STRENGTH FUNCTION
    IS 2.00000E-04 / STRENGTH FUNCTION 2.00000E-04 / LIES OUTSIDE LIMITS
    1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
        FILE  2
           SECTION 151
                  ENERGY =  6.30000E+04. STRENGTH FUNCTION IS   2.00000E-04
                             STRENGTH FUNCTION 2.00000E-04
                                                LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

25. Level density in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 7.30000E+04. STRENGTH FUNCTION IS
    2.00000E-04 / DENSITY 6.47128E+00 SHOULD BE 6.04818E+00 (0): URR dens. (a)*

```
        FILE  2
           SECTION 151
                  ENERGY =  7.30000E+04. STRENGTH FUNCTION IS   2.00000E-04
                             DENSITY  6.47128E+00 SHOULD BE   6.04818E+00
```

26. Strength function in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 7.30000E+04. STRENGTH FUNCTION IS
    2.00000E-04 / AVERAGE GAMMA WIDTH 3.50000E-02 / LIES OUTSIDE LIMITS
    4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
        FILE  2
           SECTION 151
                  ENERGY =  7.30000E+04. STRENGTH FUNCTION IS   2.00000E-04
                             AVERAGE GAMMA WIDTH 3.50000E-02
                                                LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

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27. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.30000E+04. STRENGTH FUNCTION IS 2.00000E-04 / STRENGTH FUNCTION 2.00000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.

```
    FILE  2
        SECTION 151
                ENERGY =  7.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                                STRENGTH FUNCTION 2.00000E-04
                                                LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

28. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.30000E+04. STRENGTH FUNCTION IS 2.00000E-04 / DENSITY 6.35590E+00 SHOULD BE 5.94034E+00 (0): URR dens. (a)

```
    FILE  2
        SECTION 151
                ENERGY =  8.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                                DENSITY  6.35590E+00 SHOULD BE  5.94034E+00
```

29. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.30000E+04. STRENGTH FUNCTION IS 2.00000E-04 / AVERAGE GAMMA WIDTH 3.50000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
    FILE  2
        SECTION 151
                ENERGY =  8.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                                AVERAGE GAMMA WIDTH 3.50000E-02
                                                LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

30. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.30000E+04. STRENGTH FUNCTION IS 2.00000E-04 / STRENGTH FUNCTION 2.00000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.

```
    FILE  2
        SECTION 151
                ENERGY =  8.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                                STRENGTH FUNCTION 2.00000E-04
                                                LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

31. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.30000E+04. STRENGTH FUNCTION IS 2.00000E-04 / DENSITY 6.24267E+00 SHOULD BE 5.83453E+00 (0): URR dens. (a)

```
    FILE  2
        SECTION 151
                ENERGY =  9.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                                DENSITY  6.24267E+00 SHOULD BE  5.83453E+00
```

32. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.30000E+04. STRENGTH FUNCTION IS 2.00000E-04 / AVERAGE GAMMA WIDTH 3.50000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
FILE  2
   SECTION 151
           ENERGY =  9.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                           AVERAGE GAMMA WIDTH 3.50000E-02
                                         LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

33. Strength function in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 9.30000E+04. STRENGTH FUNCTION IS 2.00000E-04 / STRENGTH FUNCTION 2.00000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.

```
FILE  2
   SECTION 151
           ENERGY =  9.30000E+04. STRENGTH FUNCTION IS  2.00000E-04
                           STRENGTH FUNCTION 2.00000E-04
                                         LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

34. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 1.03000E+05. STRENGTH FUNCTION IS 2.00000E-04 / DENSITY 6.13154E+00 SHOULD BE 5.73065E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.03000E+05. STRENGTH FUNCTION IS  2.00000E-04
                           DENSITY  6.13154E+00 SHOULD BE  5.73065E+00
```

35. Strength function in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 1.03000E+05. STRENGTH FUNCTION IS 2.00000E-04 / AVERAGE GAMMA WIDTH 3.50000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
FILE  2
   SECTION 151
           ENERGY =  1.03000E+05. STRENGTH FUNCTION IS  2.00000E-04
                           AVERAGE GAMMA WIDTH 3.50000E-02
                                         LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

36. Strength function in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 1.03000E+05. STRENGTH FUNCTION IS 2.00000E-04 / STRENGTH FUNCTION 2.00000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.

```
FILE  2
   SECTION 151
           ENERGY =  1.03000E+05. STRENGTH FUNCTION IS  2.00000E-04
                           STRENGTH FUNCTION 2.00000E-04
                                         LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

37. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 1.13000E+05. STRENGTH FUNCTION IS 2.00000E-04 / DENSITY 6.02247E+00 SHOULD BE 5.62872E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.13000E+05. STRENGTH FUNCTION IS  2.00000E-04
                           DENSITY  6.02247E+00 SHOULD BE  5.62872E+00
```

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38. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.13000E+05. STRENGTH FUNCTION IS 2.00000E-04 / AVERAGE GAMMA WIDTH 3.50000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
FILE  2
   SECTION 151
          ENERGY =  1.13000E+05. STRENGTH FUNCTION IS  2.00000E-04
                          AVERAGE GAMMA WIDTH 3.50000E-02
                                          LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

39. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.13000E+05. STRENGTH FUNCTION IS 2.00000E-04 / STRENGTH FUNCTION 2.00000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.

```
FILE  2
   SECTION 151
          ENERGY =  1.13000E+05. STRENGTH FUNCTION IS  2.00000E-04
                          STRENGTH FUNCTION 2.00000E-04
                                          LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

40. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.23000E+05. STRENGTH FUNCTION IS 2.00000E-04 / DENSITY 5.91542E+00 SHOULD BE 5.52867E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
          ENERGY =  1.23000E+05. STRENGTH FUNCTION IS  2.00000E-04
                          DENSITY  5.91542E+00 SHOULD BE  5.52867E+00
```

41. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.23000E+05. STRENGTH FUNCTION IS 2.00000E-04 / AVERAGE GAMMA WIDTH 3.50000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
FILE  2
   SECTION 151
          ENERGY =  1.23000E+05. STRENGTH FUNCTION IS  2.00000E-04
                          AVERAGE GAMMA WIDTH 3.50000E-02
                                          LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

42. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.23000E+05. STRENGTH FUNCTION IS 2.00000E-04 / STRENGTH FUNCTION 2.00000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.

```
FILE  2
   SECTION 151
          ENERGY =  1.23000E+05. STRENGTH FUNCTION IS  2.00000E-04
                          STRENGTH FUNCTION 2.00000E-04
                                          LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

43. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.76000E+03. STRENGTH FUNCTION IS 5.00000E-05 / ENERGY = 2.76000E+03. STRENGTH FUNCTION IS 5.00000E-05 /

DENSITY 5.48154E+00 SHOULD BE 4.89734E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
       ENERGY =  2.76000E+03. STRENGTH FUNCTION IS  5.00000E-05
               ENERGY =  2.76000E+03. STRENGTH FUNCTION IS  5.00000E-05
                           DENSITY  5.48154E+00 SHOULD BE  4.89734E+00
```

44. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 5.00000E-05 / DENSITY 5.47908E+00 SHOULD BE 4.89514E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  3.00000E+03. STRENGTH FUNCTION IS  5.00000E-05
                       DENSITY  5.47908E+00 SHOULD BE  4.89514E+00
```

45. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 5.00000E-05 / DENSITY 5.38084E+00 SHOULD BE 4.80737E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.30000E+04. STRENGTH FUNCTION IS  5.00000E-05
                       DENSITY  5.38084E+00 SHOULD BE  4.80737E+00
```

46. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.30000E+04. STRENGTH FUNCTION IS 5.00000E-05 / DENSITY 5.28445E+00 SHOULD BE 4.72126E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  2.30000E+04. STRENGTH FUNCTION IS  5.00000E-05
                       DENSITY  5.28445E+00 SHOULD BE  4.72126E+00
```

47. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.30000E+04. STRENGTH FUNCTION IS 5.00000E-05 / DENSITY 5.18986E+00 SHOULD BE 4.63675E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  3.30000E+04. STRENGTH FUNCTION IS  5.00000E-05
                       DENSITY  5.18986E+00 SHOULD BE  4.63675E+00
```

48. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.30000E+04. STRENGTH FUNCTION IS 5.00000E-05 / DENSITY 5.09704E+00 SHOULD BE 4.55382E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  4.30000E+04. STRENGTH FUNCTION IS  5.00000E-05
                       DENSITY  5.09704E+00 SHOULD BE  4.55382E+00
```

49. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.30000E+04. STRENGTH FUNCTION IS 5.00000E-05 / DENSITY 5.00595E+00 SHOULD BE 4.47244E+00 (0): URR dens. (a)

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```
FILE  2
   SECTION 151
           ENERGY =  5.30000E+04. STRENGTH FUNCTION IS  5.00000E-05
                         DENSITY  5.00595E+00 SHOULD BE  4.47244E+00
```

50. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.30000E+04. STRENGTH FUNCTION IS 5.00000E-05 / DENSITY 4.91655E+00 SHOULD BE 4.39257E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  6.30000E+04. STRENGTH FUNCTION IS  5.00000E-05
                         DENSITY  4.91655E+00 SHOULD BE  4.39257E+00
```

51. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.30000E+04. STRENGTH FUNCTION IS 5.00000E-05 / DENSITY 4.82882E+00 SHOULD BE 4.31419E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  7.30000E+04. STRENGTH FUNCTION IS  5.00000E-05
                         DENSITY  4.82882E+00 SHOULD BE  4.31419E+00
```

52. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.30000E+04. STRENGTH FUNCTION IS 5.00000E-05 / DENSITY 4.74272E+00 SHOULD BE 4.23726E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  8.30000E+04. STRENGTH FUNCTION IS  5.00000E-05
                         DENSITY  4.74272E+00 SHOULD BE  4.23726E+00
```

53. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.30000E+04. STRENGTH FUNCTION IS 5.00000E-05 / DENSITY 4.65824E+00 SHOULD BE 4.16178E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  9.30000E+04. STRENGTH FUNCTION IS  5.00000E-05
                         DENSITY  4.65824E+00 SHOULD BE  4.16178E+00
```

54. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.03000E+05. STRENGTH FUNCTION IS 5.00000E-05 / DENSITY 4.57530E+00 SHOULD BE 4.08769E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.03000E+05. STRENGTH FUNCTION IS  5.00000E-05
                         DENSITY  4.57530E+00 SHOULD BE  4.08769E+00
```

55. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.13000E+05. STRENGTH FUNCTION IS 5.00000E-05 / DENSITY 4.49392E+00 SHOULD BE 4.01498E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.13000E+05. STRENGTH FUNCTION IS  5.00000E-05
                         DENSITY  4.49392E+00 SHOULD BE  4.01498E+00
```

56. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.23000E+05. STRENGTH FUNCTION IS 5.00000E-05 / DENSITY 4.41404E+00 SHOULD BE 3.94361E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.23000E+05. STRENGTH FUNCTION IS  5.00000E-05
                         DENSITY  4.41404E+00 SHOULD BE  3.94361E+00
```

57. Non-threshold reaction with Q value differing from PSYCHE's expectations
FILE 3 / SECTION 22 / THE CALCULATED Q 7.66436E+05 DISSAGREES WITH THE GIVEN Q 9.20000E+05 (0): Iffy Q

```
FILE  3
   SECTION  22
            THE CALCULATED Q  7.66436E+05 DISSAGREES WITH THE GIVEN Q  9.20000E+05
```

58. Non-threshold reaction with Q value differing from PSYCHE's expectations
FILE 3 / SECTION 107 / THE CALCULATED Q 6.43575E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00 (0): Iffy Q

```
FILE  3
   SECTION 107
            THE CALCULATED Q  6.43575E+06 DISSAGREES WITH THE GIVEN Q  0.00000E+00
```

- `linear` Errors:

    1. Negative cross section found
       0: Neg. Sig(E)

       ```
       Linearize ENDF/B Cross Sections (LINEAR 2015-1)
       -----------------------------------------------------------------------------
       Retrieval Criteria----------         MAT
       Monitor Mode-----------------         Off
       Minimum Cross Section-------- 1.0000E-10 (Default Option)
       ... [131 more lines]
       ```

- `groupie` Errors:

    1. Very small elastic cross section found
       0: Small elastic

       ```
       Multi-Group and Multi-Band Parameters from ENDF/B Data (GROUPIE 2015-2)
       -----------------------------------------------------------------------------
       ENDF/B Input and Output Data Filenames
       ENDFB.IN
       ENDFB.OUT
       ... [97 more lines]
       ```

- `fudge-4.0` Warnings:

1. The URR for this spin group needs higher energy resolution for correct representation of the average cross section
   resonances / unresolved (Error # 0): URRinsufficientEnergyGrid

   ```
   WARNING: More points needed in L=0 J=0.5 unresolved widths between 3.e3 eV and 1.3e4 eV
   WARNING: More points needed in L=1 J=0.5 unresolved widths between 3.e3 eV and 1.3e4 eV
   WARNING: More points needed in L=1 J=1.5 unresolved widths between 3.e3 eV and 1.3e4 eV
   WARNING: More points needed in L=2 J=1.5 unresolved widths between 3.e3 eV and 1.3e4 eV
            ... plus 1 more instances of this message
   ```

2. Cross section does not match sum of linked reaction cross sections
   crossSectionSum label 3: (z,alpha) (Error # 0): CS Sum.

   ```
   WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 45.67%
   ```

3. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
   Section 0 (total): / Form 'eval': (Error # 0): Condition num.

   ```
   WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
   ```

4. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
   Section 1 (n + Gd154): / Form 'eval': (Error # 0): Condition num.

   ```
   WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
   ```

5. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
   Section 2 ((z,n)): / Form 'eval': (Error # 0): Condition num.

   ```
   WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
   ```

6. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
   Section 3 (n[multiplicity:'2'] + Gd153 + gamma): / Form 'eval': (Error # 0): Condition num.

   ```
   WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
   ```

7. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
   Section 4 (Gd155 + gamma): / Form 'eval': (Error # 0): Condition num.

   ```
   WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
   ```

8. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
   Section 5 ((z,p)): / Form 'eval': (Error # 0): Condition num.

   ```
   WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
   ```

9. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
   Section 6 ((z,alpha)): / Form 'eval': (Error # 0): Condition num.

```
            WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
```

- fudge-4.0 Errors:

    1. Calculated and tabulated Q values disagree.
       reaction label 28: n[multiplicity:'2'] + Gd153 + gamma (Error # 0): Q mismatch

       ```
       WARNING: Calculated and tabulated Q-values disagree: -8456088.279754639 eV vs -8.894e6 eV!
       ```

    2. Calculated and tabulated Q values disagree.
       reaction label 29: n[multiplicity:'3'] + Gd152 + gamma (Error # 0): Q mismatch

       ```
       WARNING: Calculated and tabulated Q-values disagree: -15033045.83068848 eV vs -1.5141e7 eV!
       ```

    3. Calculated and tabulated Q values disagree.
       reaction label 30: n + H1 + Eu153 + gamma (Error # 0): Q mismatch

       ```
       WARNING: Calculated and tabulated Q-values disagree: -7673291.981811523 eV vs -7.628e6 eV!
       ```

    4. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
       reaction label 30: n + H1 + Eu153 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

       ```
       WARNING: Extra zero-probability outgoing energies found at incident energy 1.e7 eV
       WARNING: Extra zero-probability outgoing energies found at incident energy 1.02e7 eV
       WARNING: Extra zero-probability outgoing energies found at incident energy 1.05e7 eV
       WARNING: Extra zero-probability outgoing energies found at incident energy 1.1e7 eV
               ... plus 18 more instances of this message
       ```

    5. Calculated and tabulated Q values disagree.
       reaction label 31: H1 + Eu154 (Error # 0): Q mismatch

       ```
       WARNING: Calculated and tabulated Q-values disagree: -1096334.430908203 eV vs -1.186e6 eV!
       ```

    6. Calculated and tabulated Q values disagree.
       reaction label 32: H1 + Eu154_e1 (Error # 0): Q mismatch

       ```
       WARNING: Calculated and tabulated Q-values disagree: -1164504.430908203 eV vs -1254170. eV!
       ```

    7. Calculated and tabulated Q values disagree.
       reaction label 33: H1 + Eu154_e2 (Error # 0): Q mismatch

       ```
       WARNING: Calculated and tabulated Q-values disagree: -1168244.430908203 eV vs -1257910. eV!
       ```

    8. Calculated and tabulated Q values disagree.
       reaction label 34: H1 + Eu154_e3 (Error # 0): Q mismatch

       ```
       WARNING: Calculated and tabulated Q-values disagree: -1176994.430908203 eV vs -1266660. eV!
       ```

    9. Calculated and tabulated Q values disagree.
       reaction label 35: H1 + Eu154_e4 (Error # 0): Q mismatch

       ```
       WARNING: Calculated and tabulated Q-values disagree: -1179154.430908203 eV vs -1268820. eV!
       ```

10. Calculated and tabulated Q values disagree.
    reaction label 36: H1 + Eu154_e5 (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: -1196284.430908203 eV vs -1285950. eV!
    ```

11. Calculated and tabulated Q values disagree.
    reaction label 37: H1 + Eu154_e6 (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: -1197194.430908203 eV vs -1286860. eV!
    ```

12. Calculated and tabulated Q values disagree.
    reaction label 38: H1 + Eu154_e7 (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: -1218894.430908203 eV vs -1308560. eV!
    ```

13. Calculated and tabulated Q values disagree.
    reaction label 39: H1 + Eu154_e8 (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: -1223764.430908203 eV vs -1313430. eV!
    ```

14. Calculated and tabulated Q values disagree.
    reaction label 40: H1 + Eu154_e9 (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: -1226014.430908203 eV vs -1315680. eV!
    ```

15. Calculated and tabulated Q values disagree.
    reaction label 41: H1 + Eu154_e10 (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: -1231114.430908203 eV vs -1320780. eV!
    ```

16. Calculated and tabulated Q values disagree.
    reaction label 42: H1 + Eu154_e11 (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: -1233034.430908203 eV vs -1.3227e6 eV!
    ```

17. Calculated and tabulated Q values disagree.
    reaction label 43: H1 + Eu154_e12 (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: -1241634.430908203 eV vs -1.3313e6 eV!
    ```

18. Calculated and tabulated Q values disagree.
    reaction label 44: H1 + Eu154_e13 (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: -1258764.430908203 eV vs -1348430. eV!
    ```

19. Calculated and tabulated Q values disagree.
    reaction label 45: H1 + Eu154_e14 (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: -1269934.430908203 eV vs -1.3596e6 eV!
    ```

20. Calculated and tabulated Q values disagree.
    reaction label 46: H1 + Eu154_e15 (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: -1271814.430908203 eV vs -1361480. eV!
    ```

21. Calculated and tabulated Q values disagree.
    reaction label 47: H1 + Eu154_e16 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1277074.430908203 eV vs -1366740. eV!`

22. Calculated and tabulated Q values disagree.
    reaction label 48: H1 + Eu154_e17 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1277144.430908203 eV vs -1366810. eV!`

23. Calculated and tabulated Q values disagree.
    reaction label 49: H1 + Eu154_e18 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1281384.430908203 eV vs -1371050. eV!`

24. Calculated and tabulated Q values disagree.
    reaction label 50: H1 + Eu154_e19 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1288624.430908203 eV vs -1378290. eV!`

25. Calculated and tabulated Q values disagree.
    reaction label 51: H1 + Eu154_e20 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1292454.430908203 eV vs -1382120. eV!`

26. Calculated and tabulated Q values disagree.
    reaction label 52: H1 + Eu154_e21 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1300154.430908203 eV vs -1389820. eV!`

27. Calculated and tabulated Q values disagree.
    reaction label 53: H1 + Eu154_e22 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1310404.430908203 eV vs -1400070. eV!`

28. Calculated and tabulated Q values disagree.
    reaction label 54: H1 + Eu154_e23 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1315814.430908203 eV vs -1405480. eV!`

29. Calculated and tabulated Q values disagree.
    reaction label 55: H1 + Eu154_e24 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1326124.430908203 eV vs -1415790. eV!`

30. Calculated and tabulated Q values disagree.
    reaction label 56: H1 + Eu154_e25 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1327214.430908203 eV vs -1416880. eV!`

31. Calculated and tabulated Q values disagree.
    reaction label 57: H1 + Eu154_e26 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1331614.430908203 eV vs -1421280. eV!`

57

32. Calculated and tabulated Q values disagree.
    reaction label 58: H1 + Eu154_e27 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1335624.430908203 eV vs -1425290. eV!`

33. Calculated and tabulated Q values disagree.
    reaction label 59: H1 + Eu154_e28 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1345754.430908203 eV vs -1435420. eV!`

34. Calculated and tabulated Q values disagree.
    reaction label 60: H1 + Eu154_e29 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1348164.430908203 eV vs -1437830. eV!`

35. Calculated and tabulated Q values disagree.
    reaction label 61: H1 + Eu154_e30 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1351544.430908203 eV vs -1441210. eV!`

36. Calculated and tabulated Q values disagree.
    reaction label 62: H1 + Eu154_e31 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1354524.430908203 eV vs -1444190. eV!`

37. Calculated and tabulated Q values disagree.
    reaction label 63: H1 + Eu154_e32 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1369184.430908203 eV vs -1458850. eV!`

38. Calculated and tabulated Q values disagree.
    reaction label 64: H1 + Eu154_e33 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1373034.430908203 eV vs -1.4627e6 eV!`

39. Calculated and tabulated Q values disagree.
    reaction label 65: H1 + Eu154_e34 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1374884.430908203 eV vs -1464550. eV!`

40. Calculated and tabulated Q values disagree.
    reaction label 66: H1 + Eu154_e35 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1375374.430908203 eV vs -1465040. eV!`

41. Calculated and tabulated Q values disagree.
    reaction label 67: H1 + Eu154_e36 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1375714.430908203 eV vs -1465380. eV!`

42. Calculated and tabulated Q values disagree.
    reaction label 68: H1 + Eu154_e37 (Error # 0): Q mismatch

    `WARNING: Calculated and tabulated Q-values disagree: -1378014.430908203 eV vs -1467680. eV!`

43. Calculated and tabulated Q values disagree.
   reaction label 69: H1 + Eu154_e38 (Error # 0): Q mismatch

   `WARNING: Calculated and tabulated Q-values disagree: -1379144.430908203 eV vs -1468810. eV!`

44. Calculated and tabulated Q values disagree.
   reaction label 70: H1 + Eu154_e39 (Error # 0): Q mismatch

   `WARNING: Calculated and tabulated Q-values disagree: -1383284.430908203 eV vs -1472950. eV!`

45. Calculated and tabulated Q values disagree.
   reaction label 71: H1 + (Eu154_c ->Eu154 + gamma) (Error # 0): Q mismatch

   `WARNING: Calculated and tabulated Q-values disagree: -1383284.430908203 eV vs -1472950. eV!`

46. Calculated and tabulated Q values disagree.
   reaction label 72: He4 + Sm151 (Error # 0): Q mismatch

   `WARNING: Calculated and tabulated Q-values disagree: 7312021.805633545 eV vs 6.516e6 eV!`

47. Calculated and tabulated Q values disagree.
   reaction label 73: He4 + Sm151_e1 (Error # 0): Q mismatch

   `WARNING: Calculated and tabulated Q-values disagree: 7307201.805633545 eV vs 6511180. eV!`

48. Calculated and tabulated Q values disagree.
   reaction label 74: He4 + Sm151_e2 (Error # 0): Q mismatch

   `WARNING: Calculated and tabulated Q-values disagree: 7246191.805633545 eV vs 6450170. eV!`

49. Calculated and tabulated Q values disagree.
   reaction label 75: He4 + Sm151_e3 (Error # 0): Q mismatch

   `WARNING: Calculated and tabulated Q-values disagree: 7242321.805633545 eV vs 6.4463e6 eV!`

50. Calculated and tabulated Q values disagree.
   reaction label 76: He4 + Sm151_e4 (Error # 0): Q mismatch

   `WARNING: Calculated and tabulated Q-values disagree: 7220491.805633545 eV vs 6424470. eV!`

51. Calculated and tabulated Q values disagree.
   reaction label 77: He4 + Sm151_e5 (Error # 0): Q mismatch

   `WARNING: Calculated and tabulated Q-values disagree: 7207191.805633545 eV vs 6411170. eV!`

52. Calculated and tabulated Q values disagree.
   reaction label 78: He4 + Sm151_e6 (Error # 0): Q mismatch

   `WARNING: Calculated and tabulated Q-values disagree: 7164111.805633545 eV vs 6368090. eV!`

53. Calculated and tabulated Q values disagree.
   reaction label 79: He4 + Sm151_e7 (Error # 0): Q mismatch

   `WARNING: Calculated and tabulated Q-values disagree: 7144271.805633545 eV vs 6348250. eV!`

54. Calculated and tabulated Q values disagree.
    reaction label 80: He4 + Sm151_e8 (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: 7143621.805633545 eV vs 6.3476e6 eV!
    ```

55. Calculated and tabulated Q values disagree.
    reaction label 81: He4 + Sm151_e9 (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: 7136641.805633545 eV vs 6340620. eV!
    ```

56. Calculated and tabulated Q values disagree.
    reaction label 82: He4 + (Sm151_c ->Sm151 + gamma) (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: 6781821.805633545 eV vs 5.9858e6 eV!
    ```

57. Calculated and tabulated Q values disagree.
    reaction label 83: Gd155 + gamma (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: 6800251.892791748 eV vs 6.435e6 eV!
    ```

58. Calculated and tabulated Q values disagree.
    reaction label 84: n + He4 + Sm150 + gamma (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: 1674629.619140625 eV vs 9.2e5 eV!
    ```

59. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
    reaction label 84: n + He4 + Sm150 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

    ```
    WARNING: Extra zero-probability outgoing energies found at incident energy 6.e6 eV
    WARNING: Extra zero-probability outgoing energies found at incident energy 6.5e6 eV
    WARNING: Extra zero-probability outgoing energies found at incident energy 7.e6 eV
    WARNING: Extra zero-probability outgoing energies found at incident energy 7.5e6 eV
            ... plus 26 more instances of this message
    ```

60. Calculated and tabulated Q values disagree.
    reaction label 85: n[multiplicity:'2'] + He4 + Sm149 + gamma (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: -6781458.660644531 eV vs -7.065e6 eV!
    ```

61. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
    reaction label 85: n[multiplicity:'2'] + He4 + Sm149 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

    ```
    WARNING: Extra zero-probability outgoing energies found at incident energy 1.4e7 eV
    WARNING: Extra zero-probability outgoing energies found at incident energy 1.45e7 eV
    WARNING: Extra zero-probability outgoing energies found at incident energy 1.5e7 eV
    WARNING: Extra zero-probability outgoing energies found at incident energy 1.55e7 eV
            ... plus 9 more instances of this message
    ```

62. Calculated and tabulated Q values disagree.
    reaction label 86: n[multiplicity:'2'] + H1 + Eu152 + gamma (Error # 0): Q mismatch

60

```
WARNING: Calculated and tabulated Q-values disagree: -16129380.26156616 eV vs -1.6178e7 eV!
```

63. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 86: n[multiplicity:'2'] + H1 + Eu152 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

```
WARNING: Extra zero-probability outgoing energies found at incident energy 1.89e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.9e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.91e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.92e7 eV
         ... plus 1 more instances of this message
```

64. Cross section domain does not match domain of linked reaction cross section sum
crossSectionSum label 1: (z,n) (Error # 0): summedCrossSectionDomainMismatch

```
WARNING: Cross section domain does not match domain of linked reaction cross section sum
```

65. Cross section domain does not match domain of linked reaction cross section sum
crossSectionSum label 2: (z,p) (Error # 0): summedCrossSectionDomainMismatch

```
WARNING: Cross section domain does not match domain of linked reaction cross section sum
```

- njoy2012   Warnings:

  1. Message comes from several resonance types that do not support the calculation of angular distributions. Some of them can be used if `Want_SAMRL_RM` or `Want_SAMRML_BW` are true.
  reconr...reconstruct pointwise cross sections in pendf format (0): RECONR/calculation of angular distribution not installed (0)

  ```
   ---message from rdf2bw---calculation of angular distribution not installed.
     samm max legendre order:  0
  ```

  2. Recoil is not given, so one-particle recoil approximation used.
  heatr...prompt kerma (0): HEATR/hinit (4)

  ```
   ---message from hinit---mf6, mt102 does not give recoil za= 64155
                           photon momentum recoil used.
  ```

  3. Only partial urr covariance data was given.
  errorr...produce cross section covariances (0): ERRORR/resprx (5)

  ```
   ---message from resprx---mf2 nls=1, but mf32 nls=0
                            continue with partial urr covariance data
  ```

  4. No scattering radius uncertainty given.
  errorr...produce cross section covariances (1): ERRORR/rpxlc12 (0)

  ```
   ---message from rpxlc12---no scattering radius uncertainty
  ```

  5. Generic warning message
  errorr...produce cross section covariances (2): Warning

```
        ---message from rpxlc12---resonance parameter loop done            294.1s


  6. Generic warning message
     errorr...produce cross section covariances (3):  Warning


       ---message from rpxlc12---sensitivity calculation continues          326.1s


  7. Generic warning message
     errorr...produce cross section covariances (4):  Warning


       ---message from rpxlc12---sensitivity calculation completed          375.0s


  8. Coefficient mismatch of some sort
     covr...process covariance data (1):  COVR/matshd (2)


       ---message from matshd---processing of mat/mt 6431/103 vs. mat1/mt1 6431/103
                          largest coefficient=  8.67082E+01 at index 471 613

  9. The number of coefficients is too big.
     covr...process covariance data (2):  COVR/matshd (3)


       ---message from matshd---  58 coefficients > 1
                          reset and continue.

 10. The number of coefficients was too large in a covariance
     covr...process covariance data (3):  Cov:Too many coeff.


       ---message from matshd--- 608 coefficients > 2
                          reset and continue
```